

Meeting Minutes Transmittal/Approval  
Tri-Party Agreement Milestone Review Meeting  
EPA Conference Room  
Medical Dental Center  
January 23, 1996

From/ Appvl.: Carolyn C. Haass for Date: 2-26-96  
Jackson Kinzer, RL (H4-83)  
IAMIT Representative

Appvl.: Michael A. Wilson Date: 2-26-96  
Michael Wilson, Ecology  
IAMIT Representative

Prepared by Frank T. Calapristi Date: 2/26/96  
Appvl.: Frank T. Calapristi  
Frank T. Calapristi  
Westinghouse Hanford Company

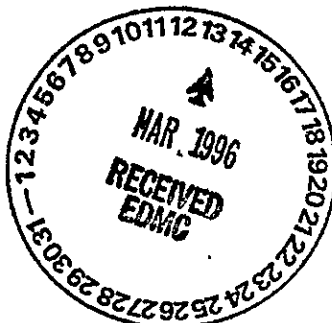
Attendees

Alexander, S. M.	Ecology	B5-18	McLaughlin, M. A.	WHC	B2-35
Arnold, L. D.	WHC	B2-35	Miera, F. R.	RL	A5-15*
Calapristi, F. T.	WHC	B2-35*	Peschong, J. C.	RL	S7-53
Dunigan, P.F.X.	RL	A5-15*	Sherwood, D. R.	EPA	B5-01*
Haass, C. C.	RL	S7-51*	Stanley, R.	Ecology	Olympia*
Harp, B. J.	RL	S7-54	Stevenson, M. W.	WHC	B2-35*
Forehand, G. D.	WHC	S7-21	Stone, A. B.	Ecology	B5-18
Jackson, D. E.	RL	A5-15	Tebb, G. T.	Ecology	B5-18
Kinzer, J. E.	RL	S7-51*	Wilson, M. A.	Ecology	B5-18*
Lundstrom, D	Ecology	B5-18*	EDMC	WHC	H6-08*

cc:

L. K. McClain	RL	H4-83	C. A. Hansen	RL	S7-41
			J. F. Thompson	RL	S7-54

\* W/Attachments



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Meeting Minutes  
TPA Milestone Review Meeting  
EPA Conference Room  
Medical Dental Center  
January 23, 1996

**Note:** The "TWRS Quarterly Milestone Review" (Attachment 1) was distributed outlining all the Tri-Party Agreement Milestone presentations. Additional back-up papers are included as noted for each topic.

**1. Introduction**

RL opened the meeting by presenting a Summary Status of Tri-Party Agreement Milestones required in FY 1995 and those due in FY 1996 and FY 1997. Ecology questioned why the M-43-02A and M-43-04A were not reported as "missed". RL agreed the milestones were missed and stated the charts should not have been left blank under the "Complete" column.

Ecology also challenged the reported completion of M-44-02B and M-44-08 milestones. However, RL stated their position is that the milestones were completed as required by the milestone requirements. It was also noted the M-44-08 milestone is in formal dispute which was recently extended to February 6, 1996 (Attachment 2).

**2. Waste Characterization**

RL reported they are working with Ecology on the M-44-01C milestone which is due 5/31/96. The milestone was reported "on schedule".

The M-44-09 milestone requires 40 Tank Characterization Reports (TCR's) due 9/30/96. RL stated they will not get 40 TCR's but will be somewhere between 21 and 40. This is due to budget limitations and unanticipated technical problems. By the end of April, RL will have a better estimate of the TCR's to be delivered and will then submit a change request. It was also noted RL and Ecology are working to resolve all DQO issues by 5/31/96. Ecology stated they still expect 40 TCR's as required by the Tri-Party Agreement and RL responded they are working towards 40 and will do the best they can.

**3. Transition 200W Tank Farms to Control, Clean and Stable**

The M-41-09 milestone was reviewed and several issues were identified. The Hydrogen gas issue has delayed the milestone and DOE-HQ is now reviewing the safety controls which were implemented (Attachment 1A). RL also stated they are working on a response to:

- The Ecology response to the RL "Creation of Danger" Letter.
- Alex Stone's detailed letter.

In the subsequent discussion, Ecology questioned why there was no RL direction to WHC to impose flammable gas safety controls. RL responded that this was a WHC action and they concurred with the WHC decision.

Ecology asked where is the RL January 15 letter which will define the Tri-Party Agreement Milestone impacts resulting from the flammable gas problem. RL said they are still working the letter and Alex Stone has been kept up to date. The letter will be issued in about 2 weeks and will contain a tank management plan. Ecology added they are working with RL to develop work-arounds in order to meet schedules as possible.

**4. Flammable Gas**

The M-40-10 milestone was the next topic and RL reported 25 tanks have been added to the watch list and more may be added in March. It was also noted this milestone could possibly be extended 2 years (Attachment 1B).

**5. Waste Volume Management**

The M-46-00 and M-46-01C milestones were discussed and RL provided details of planned activities (Attachment 1C).

**6. Transition 200E Tank Farms**

TPA milestones M-43-04 and M-43-05 were reported on schedule. (Attachments 1D and 1E). When discussing the W-314 project, Ecology asked if there was a budget problem (4.7 million). RL responded money will be borrowed from another account if necessary, therefore there is no budget problem.

**7. Tank Farm Closure**

RL discussed the Change Request M-45-95-01 (Attachment 1F) which added new interim milestones M-45-08/09 and completion of M-45-07B. It was also noted the feasibility study was completed and there was no cost benefit for developing the barrier technology.

Back-up sheets (Attachments 1G and 1H) were also reviewed for Tri-Party Agreement milestones M-45-02A and M-45-09A.

**8. Privatization**

RL presented an overview of the negotiated TWRS Privatization milestones. A follow-up meeting with the regulators is planned for Friday January 26, 1996.

**TANK WASTE REMEDIATION SYSTEM QUARTERLY MILESTONE REVIEW**  
**January 23, 1996**

9:00 - 9:20	C. Haass	Introduction	
9:20 - 9:35	S. Burnum	Waste Characterization	
	M-44-01C	Submit draft copy of the TWRS Tank Waste Analysis Plan's (TWAP) and Tank Characterization Plan's (TCPs) revisions, updates, and additions annually to Ecology and EPA	05/31/96
	M-44-02C	Submit TWAP annually to Ecology and EPA for approval	08/31/96
	M-44-09	Issue 40 TCRs in accordance with approved TCPs and complete input of characterization information for 40 HLW Tanks to electronic database	09/30/96
9:35 - 9:55	J. Clark	Transition 200W Tank Farms to Control, Clean, and Stable	
	M-41-09	Start interim stability of 7 non-watch list tanks in 241-S Tank Farm	01/31/96
	M-41-08	Start interim stabilization of 1 non-watch list tank in 241-U Tank Farm	08/31/96
	M-41-11	Start interim stabilization of 4 flammable gas watch list tanks in 241-U Tank Farm	08/31/96
	M-41-13	Start interim stabilization of 3 organic watch list tanks in 241-U Tank Farm	08/31/96
9:55 - 10:00	J. Gray	Flammable Gas	
	M-40-10	Complete vapor space monitoring for all flammable gas generating tanks	01/31/97
10:00 - 10:10	A. Hon	Waste Volume Management, Receipt, Transfer and Evaporation	
	M-46-00C	DST space evaluation - submit a tank volume projection report on an annual basis to Ecology and EPA	09/30/96
	M-46-01C	Concurrence of additional tank acquisition - the three parties shall meet to establish new milestones, if required, for acquisition of new tanks	11/30/96

10:10 - 10:40	M. Royack	Transition 200E Tank Farms to Control, Clean, and Stable	
	M-43-02A	Provide W-314B (Tank Farms Vent Upgrades) conceptual design report to Ecology and Dept of Health	05/31/95
	M-43-04A	Provide W-314A (Tank Farms Instr Upgrades) conceptual design report to Ecology and Dept of Health	05/31/95
	M-41-10	Start interim stabilization of 2 flammable gas watch list tanks in 241-A/AX Tank Farms	04/30/96
	M-43-05A	Provide W-314C (Tank Farms Piping Upgrades) conceptual design report to Ecology and Dept of Health	05/31/96
	M-43-01B	Complete construction W-030 (AY/AZ Tank Farm Vent Upgrades)	10/31/96
	M-43-01	Complete Project W-030 (AY/AZ Tank Farm Vent Upgrades)	12/31/96
	M-43-01C	Begin operation W-030 (AY/AZ Tank Farm Vent Upgrades)	12/31/96
10:40-11:00	W. Taylor	Privatization (M-50-00, M-51-00, AND M-60-00) Overview of newly negotiated TWRS Privatization Milestones	
11:00-11:10	C. West	Tank Farm Closure	
	M-45-02A	Submit initial Single Shell Tank retrieval sequence document for Ecology approval	09/30/96
	M-45-09A	Submit annual progress reports on development of waste tank leak monitoring/detection and mitigation activities in support of M-45-08	09/30/96
11:10-11:30	C. Haass	Question/Answers, Closeout	

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# TANK WASTE REMEDIATION SYSTEM

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## Quarterly Milestone Review

January 23, 1996



**U.S. Department of Energy  
Richland Operations Office**

# Agenda

<b>9:00 - 9:20</b>	<b>C. Haass</b>	<b>Introduction</b>
<b>9:20 - 9:35</b>	<b>S. Burnum</b>	<b>Waste Characterization</b>
<b>9:35 - 9:50</b>	<b>J. Clark</b>	<b>Transition 200W Tk Farms to Cntrl, Cln, &amp; Stable</b>
<b>9:50 - 10:00</b>	<b>C. Groendyke</b>	<b>Flammable Gas</b>
<b>10:00 - 10:10</b>	<b>A. Hon</b>	<b>Waste Volume Mgmt, Rcpt, Trnsfr, &amp; Evap</b>
<b>10:10 - 10:40</b>	<b>M. Royack</b>	<b>Transition 200E Tk Farms to Cntrl, Cln, &amp; Stable</b>
<b>10:40 - 10:50</b>	<b>W. Wrzesinski</b>	<b>Single Shell Tank Retrieval</b>
<b>10:50 - 11:15</b>	<b>W. Taylor</b>	<b>Privatization</b>
<b>11:15 - 11:30</b>	<b>C. Haass</b>	<b>Questions, Answers, and Closeout</b>

## FY 1995 TPA MILESTONES

<b>MILESTONE</b>	<b>TITLE</b>	<b>DUE DATE</b>	<b>COMPLETE</b>
<b>M-43-01A</b>	<b>START W-030 CONSTRUCTION</b>	<b>10/31/94</b>	<b>10/21/94</b>
<b>M-46-01A</b>	<b>TRI-PARTIES SHALL MEET TO ESTABLISH NEW MILESTONES IF ACQUISITION OF NEW TANKS ARE REQUIRED</b>	<b>11/30/94</b>	<b>11/23/94</b>
<b>M-41-07</b>	<b>COMPL SAFETY STUDIES/ANAL ON INTERIM STABIL OF REMAINING WATCH LIST TKS &amp; PROVIDE TO ECOLOGY/EPA (FeCn, H2/FLAM GAS, &amp; ORGANIC TKS)</b>	<b>12/31/94</b>	<b>12/29/94</b>
<b>M-51-01</b>	<b>PROVIDE REPORT TO ECOLOGY/EPA ON EVALUATION OF ALTERNATIVE CONCEPTS FOR TREATMENT AND DISPOSAL OF HIGH LEVEL HANFORD TANK WASTES</b>	<b>12/31/94</b>	<b>12/28/94</b>
<b>M-45-07B</b>	<b>REACH DECISION ON WHETHER TO PROCEED WITH DEMONSTRATION</b>	<b>02/28/95</b>	<b>05/16/95</b>
<b>M-41-02</b>	<b>EMERGENCY LEAK RESPONSE: ESTABLISH IMPROVED SST EMERG PUMPING CAPABILITY</b>	<b>03/31/95</b>	<b>03/28/95</b>



<b>MILESTONE</b>	<b>TITLE</b>	<b>DUE DATE</b>	<b>COMPLETE</b>
<b>M-40-02B</b>	<b>INSTALL TWO OF SEVEN NEW THERMOCOUPLES IN FeCn TANKS</b>	<b>04/30/95</b>	<b>04/13/95</b>
<b>M-43-02A</b>	<b>PROVIDE W-314B (TANK FARM VENT UPGRADES) CONCEPTUAL DESIGN REPORT TO ECOLOGY &amp; DEPT OF HEALTH</b>	<b>05/31/95</b>	
<b>M-43-04A</b>	<b>PROVIDE W-314A (TANK FARM INSTR UPGRADES) CONCEPTUAL DESIGN REPORT TO ECOLOGY &amp; DEPT OF HEALTH</b>	<b>05/31/95</b>	
<b>M-44-01B</b>	<b>SUBMIT DRAFTS OF TWRS TK WASTE ANALYSIS PLANS AND TK CHARACTERIZATION PLANS REVISIONS, UPDATES, AND ADDITIONS ANNUALLY TO ECOLOGY/EPA</b>	<b>05/31/95</b>	<b>05/30/95</b>
<b>M-40-07</b>	<b>START C-103 VAPOR TREATMENT SYSTEM OPERATION</b>	<b>06/30/95</b>	<b>06/30/95</b>
<b>M-41-12</b>	<b>START INTERIM STABILIZATION OF FOUR FeCN WATCH LIST TANKS IN BX/BY TANK FARMS</b>	<b>08/31/95</b>	<b>08/10/95</b>
<b>M-44-02B</b>	<b>SUBMIT TWAP ANNUALLY TO ECOLOGY/EPA FOR APPROVAL</b>	<b>08/31/95</b>	<b>08/31/95</b>

<b>MILESTONE</b>	<b>TITLE</b>	<b>DUE DATE</b>	<b>COMPLETE</b>
<b>M-40-02</b>	<b>UPGRADE TEMPERATURE MONITORING CAPABILITIES IN FeCn TANKS</b>	<b>09/30/95</b>	<b>08/24/95</b>
<b>M-40-05</b>	<b>COMPLETE SAFETY ALTERNATIVE TEST IN HIGH-HEAT TANK C-106</b>	<b>09/30/95</b>	<b>09/27/95</b>
<b>M-44-08</b>	<b>ISSUE 30 TCRs PER APPROVED TCPs &amp; COMPL INPUT OF CHARACTERIZATION DATA FOR 30 HLW TANKS TO ELECTRONIC DATABASE</b>	<b>09/30/95</b>	<b>09/28/95</b>
<b>M-46-00B</b>	<b>COMPLETE DST SPACE EVALUATION.</b>	<b>09/30/95</b>	<b>09/28/95</b>

## FY 1996 TPA MILESTONES

<b>MILESTONE</b>	<b>TITLE</b>	<b>DUE DATE</b>	<b>COMPLETE</b>
<b>M-40-03</b>	<b>PERFORM VAPOR CHARACTERIZATION FOR ALL FERROCYANIDE WATCH LIST TANKS</b>	<b>11/30/95</b>	<b>11/13/95</b>
<b>M-40-08</b>	<b>PERFORM VAPOR CHARACTERIZATION FOR ALL ORGANIC WATCH LIST TANKS</b>	<b>11/30/95</b>	<b>11/13/95</b>
<b>M-43-07A</b>	<b>START CONSTRUCTION W-058 (REPL CROSS-SITE TRANSFER SYSTEM)</b>	<b>11/30/95</b>	<b>11/24/95</b>
<b>M-46-01B</b>	<b>TRI-PARTIES SHALL MEET TO ESTABLISH NEW MILESTONES FOR ACQUISITION OF ADDITIONAL TANKS (IF REQUIRED)</b>	<b>11/30/95</b>	<b>11/22/95</b>
<b>M-41-03B</b>	<b>COMPLETE DELIVERY OF MOBILE HIGH-LEVEL LIQUID WASTE TRANSPORT CASK</b>	<b>01/31/96</b>	<b>12/20/95</b>
<b>M-41-09</b>	<b>START INTERIM STABILITY OF 7 NON-WATCH LIST TANKS IN 241-S TANK FARM</b>	<b>01/31/96</b>	
<b>M-41-10</b>	<b>START INTERIM STABILIZATION OF 2 FLAMMABLE GAS WATCH LIST TANKS IN 241-A/AX TANK FARMS</b>	<b>04/30/96</b>	

<b>MILESTONE</b>	<b>TITLE</b>	<b>DUE DATE</b>	<b>COMPLETE</b>
<b>M-43-05A</b>	<b>PROVIDE W-314C (TANK FARM PIPING UPGRADES) CONCEPTUAL DESIGN REPORT TO ECOLOGY AND DEPT OF HEALTH</b>	<b>05/31/96</b>	
<b>M-44-01C</b>	<b>SUBMIT DRAFT COPY OF TANK WASTE ANALYSIS PLAN'S (TWAP) AND TANK CHARACTERIZATION PLAN'S (TCPs) REVISIONS, UPDATES, AND ADDITIONS ANNUALLY TO ECOLOGY AND EPA</b>	<b>05/31/96</b>	
<b>M-60-02</b>	<b>COMPLETE MELTER FEASIBILITY AND SYSTEM OPERABILITY TESTS, SELECT REFERENCE MELTER(S), AND ESTABLISH REFERENCE LLW GLASS FORMULATION MEETING ALL SYSTEM REQMTS</b>	<b>06/30/96</b>	<b>12/27/95</b>
<b>M-41-08</b>	<b>START INTERIM STABILIZATION OF 1 NON-WATCH LIST TANK IN 241-U TANK FARM</b>	<b>08/31/96</b>	
<b>M-41-11</b>	<b>START INTERIM STABILIZATION OF 4 FLAMMABLE GAS WATCH LIST TANKS IN 241-U TANK FARMS</b>	<b>08/31/96</b>	
<b>M-41-13</b>	<b>START INTERIM STABILIZATION OF 3 ORGANIC WATCH LIST TANKS IN 241-U TANK FARM</b>	<b>08/31/96</b>	

<b>MILESTONE</b>	<b>TITLE</b>	<b>DUE DATE</b>	<b>COMPLETE</b>
<b>M-44-02C</b>	<b>SUBMIT TWAP ANNUALLY TO ECOLOGY AND EPA FOR APPROVAL</b>	<b>08/31/96</b>	
<b>M-44-09</b>	<b>ISSUE 40 TCRs IN ACCORDANCE WITH APPROVED TCPs - COMPLETE INPUT OF CHARACTERIZATION INFORMATION FOR 40 HLW TANKS TO ELECTRONIC DATABASE</b>	<b>09/30/96</b>	
<b>M-45-02A</b>	<b>SUBMIT INITIAL SINGLE SHELL TANK RETRIEVAL SEQUENCE DOCUMENT FOR ECOLOGY APPROVAL</b>	<b>09/30/96</b>	
<b>M-45-09A</b>	<b>SUBMIT ANNUAL PROGRESS REPORTS ON DEVELOPMENT OF WASTE TANK LEAK MONITORING/DETECTION AND MITIGATION ACTIVITIES IN SUPPORT OF M-45-08</b>	<b>09/30/96</b>	
<b>M-46-00C</b>	<b>DOUBLE SHELL TANK SPACE EVALUATION - SUBMIT TANK VOLUME PROJECTION REPORT ON AN ANNUAL BASIS TO ECOLOGY AND EPA</b>	<b>09/30/96</b>	

## **FY 1997 TPA MILESTONES**

<b>MILESTONE</b>	<b>TITLE</b>	<b>DUE DATE</b>	<b>COMPLETE</b>
<b>M-40-04</b>	<b>COMPLETE REMOVAL OF FLOATING ORGANIC LAYER FROM TANK 241-C-103.</b>	<b>12/31/96</b>	
<b>M-45-07</b>	<b>COMPLETE EVALUATION AND DEMONSTRATION TESTING OF SMALL SCALE SUB-SURFACE BARRIERS</b>	<b>09/30/97</b>	
<b>M-45-07C</b>	<b>ESTABLISH NEW MILESTONES FOR SUB-SURFACE BARRIER IMPLEMENTATION</b>	<b>09/30/97</b>	

# TPA MILESTONE STATUS

## Waste Characterization

MILESTONE	TITLE	DUE DATE	FORECAST
M-44-01C	SUBMIT DRAFT COPY OF TANK WASTE ANALYSIS PLAN'S (TWAP) AND TANK CHARACTERIZATION PLAN'S (TCPs) REVISIONS, UPDATES, AND ADDITIONS ANNUALLY TO ECOLOGY AND EPA	05/31/96	
	o DELIVERABLE		
	o ACCOMPLISHMENTS		
	o SCHEDULED ACTIVITIES		
	o PROGRESS AGAINST BUDGET		
	o ISSUES		

# TPA MILESTONE STATUS

## Waste Characterization

MILESTONE	TITLE	DUE DATE	FORECAST
M-44-02C	SUBMIT TWAP ANNUALLY TO ECOLOGY AND EPA FOR APPROVAL	08/31/96	
	o DELIVERABLE		
	o ACCOMPLISHMENTS		
	o SCHEDULED ACTIVITIES		
	o PROGRESS AGAINST BUDGET		
	o ISSUES		



# TPA MILESTONE STATUS

## Waste Characterization

MILESTONE	TITLE	DUE DATE	FORECAST
M-44-09	ISSUE 40 TCRs IN ACCORDANCE WITH APPROVED TCPs - COMPLETE INPUT OF CHARACTERIZATION INFORMATION FOR 40 HLW TANKS TO ELECTRONIC DATABASE	09/30/96	
	o DELIVERABLE		
	o ACCOMPLISHMENTS		
	o SCHEDULED ACTIVITIES		
	o PROGRESS AGAINST BUDGET		
	o ISSUES		

# TPA MILESTONE STATUS

Transition 200W to Cntrl, Cln, & Stable

MILESTONE	TITLE	DUE DATE	FORECAST
M-41-09	START INTERIM STABILITY OF 7 NON-WATCH LIST TANKS IN 241-S TANK FARM	01/31/96	
	o DELIVERABLE		
	o ACCOMPLISHMENTS		
	o SCHEDULED ACTIVITIES		
	o PROGRESS AGAINST BUDGET		
	o ISSUES		

# **TPA MILESTONE STATUS**

**Transition 200W To Cntrl, Cln, & Stable**

<b>MILESTONE</b>	<b>TITLE</b>	<b>DUE DATE</b>
<b>M-41-08</b>	<b>START INTERIM STABILITY OF 1 NON-WATCH LIST TANK IN 241-U TANK FARM</b>	<b>08/31/96</b>
<b>M-41-11</b>	<b>START INTERIM STABILIZATION OF 4 FLAMMABLE GAS WATCH LIST TANKS IN 241-U TANK FARMS</b>	<b>08/31/96</b>
<b>M-41-13</b>	<b>START INTERIM STABILIZATION OF 3 ORGANIC WATCH LIST TANKS IN 241-U TANK FARM</b>	<b>08/31/96</b>

## **ACCOMPLISHMENTS:**

- **FLAMMABLE GAS ISSUES HAVE IMPACTED THESE MILESTONES**

## **SCHEDULED ACTIVITIES:**

- **INITIATE SAFETY ANALYSIS OF U-FARM TANKS**
- **RENEGOTIATE M-41 SERIES MILESTONES**

## **PROGRESS AGAINST BUDGET:**

- **UNDERRUNS DUE TO WORK BEING SUSPENDED**

## **ISSUES:**

- **FLAMMABLE GAS IMPACT**

# TPA MILESTONE STATUS

## Flammable Gas

MILESTONE	TITLE	DUE DATE	FORECAST
M-40-10	COMPLETE VAPOR SPACE MONITORING FOR ALL FLAMMABLE GAS GENERATING TANKS	01/31/97	
	o DELIVERABLE		
	o ACCOMPLISHMENTS		
	o SCHEDULED ACTIVITIES		
	o PROGRESS AGAINST BUDGET		
	o ISSUES		

# **TPA MILESTONE STATUS**

## **Flammable Gas**

<b>MILESTONE</b>	<b>TITLE</b>	<b>DUE DATE</b>
<b>M-40-10</b>	<b>COMPLETE VAPOR SPACE MONITORING FOR ALL FLAMMABLE GAS GENERATING TANKS</b>	<b>01/31/97</b>

### **ISSUES:**

- **25 NEW FLAMMABLE GAS TANKS**
- **POTENTIAL FOR MORE (MARCH 1996)**
- **IS THE STANDARD HYDROGEN MONITORING SYSTEM  
(SHMS) THE BEST SYSTEM FOR VAPOR SPACE  
MONITORING**

# TPA MILESTONE STATUS

Flammable Gas

MILESTONE	TITLE	DUE DATE	FORECAST
M-40-09	CLOSE ALL UNREVIEWED SAFETY QUESTIONS (USQ) FOR DOUBLE-SHELL AND SINGLE SHELL TANKS	09/30/98	
	o DELIVERABLE		
	o ACCOMPLISHMENTS		
	o SCHEDULED ACTIVITIES		
	o PROGRESS AGAINST BUDGET		
	o ISSUES		

# TPA MILESTONE STATUS

Waste Vol. Mgmt., Recpt, Trans & Evap

MILESTONE	TITLE	DUE DATE	FORECAST
M-46-00C	DOUBLE SHELL TANK SPACE EVALUATION - SUBMIT TANK VOLUME PROJECTION REPORT ON AN ANNUAL BASIS TO ECOLOGY AND EPA	09/30/96	
	o DELIVERABLE		
	o ACCOMPLISHMENTS		
	o SCHEDULED ACTIVITIES		
	o PROGRESS AGAINST BUDGET		
	o ISSUES		

# TPA MILESTONE STATUS

Waste Vol. Mgmt., Recpt, Trans & Evap

MILESTONE	TITLE	DUE DATE	FORECAST
M-46-01C	TRI-PARTIES SHALL MEET TO ESTABLISH NEW MILESTONES FOR ACQUISITION OF ADDITIONAL TANKS (IF REQUIRED)	11/30/96	
	o DELIVERABLE		
	o ACCOMPLISHMENTS		
	o SCHEDULED ACTIVITIES		
	o PROGRESS AGAINST BUDGET		
	o ISSUES		



# **TPA MILESTONE STATUS**

**Transition 200E To Cntrl, Cln, & Stable**

<b>MILESTONE</b>	<b>TITLE</b>	<b>DUE DATE</b>
<b>M-41-02A</b>	<b>PROVIDE W-314B (TANK FARM VENT UPGRADES) CONCEPTUAL DESIGN REPORT TO ECOLOGY &amp; DEPT OF HEALTH</b>	<b>05/31/95</b>
<b>M-43-04A</b>	<b>PROVIDE W-314A (TANK FARM INSTR UPGRADES) CONCEPTUAL DESIGN REPORT TO ECOLOGY &amp; DEPT OF HEALTH</b>	<b>05/31/96</b>

- **DELIVERABLE**
- **ACCOMPLISHMENTS**
- **SCHEDULED ACTIVITIES**
- **PROGRESS AGAINST BUDGET**
- **ISSUES**

# TPA MILESTONE STATUS

Transition 200E to Cntrl, Cln, & Stable

MILESTONE	TITLE	DUE DATE	FORECAST
M-41-10	START INTERIM STABILIZATION OF 2 FLAMMABLE GAS WATCH LIST TANKS IN 241-A/AX TANK FARMS	04/30/96	
	o DELIVERABLE		
	o ACCOMPLISHMENTS		
	o SCHEDULED ACTIVITIES		
	o PROGRESS AGAINST BUDGET		
	o ISSUES		

# TPA MILESTONE STATUS

Transition 200E to Cntrl, Cln, & Stable

MILESTONE	TITLE	DUE DATE	FORECAST
M-43-05A	PROVIDE W-314C (TANK FARM PIPING UPGRADES) CONCEPTUAL DESIGN REPORT TO ECOLOGY AND DEPT OF HEALTH	05/31/96	
	o DELIVERABLE		
	o ACCOMPLISHMENTS		
	o SCHEDULED ACTIVITIES		
	o PROGRESS AGAINST BUDGET		
	o ISSUES		

# TPA MILESTONE STATUS

Transition 200E to Cntrl, Cln, & Stable

MILESTONE	TITLE	DUE DATE	FORECAST
M-43-01B	COMPLETE CONSTRUCTION W-O30 (AY/AZ TANK FARM VENT UPGRADES)	10/31/96	01/31/96

- o DELIVERABLE
- o ACCOMPLISHMENTS
- o SCHEDULED ACTIVITIES
- o PROGRESS AGAINST BUDGET
- o ISSUES

# TPA MILESTONE STATUS

Transition 200E to Cntrl, Cln, & Stable

MILESTONE	TITLE	DUE DATE	FORECAST
M-43-01	COMPLETE PROJECT W-030 (AY/AZ TANK FARM VENT UPGRADES)	12/31/96	
	o DELIVERABLE		
	o ACCOMPLISHMENTS		
	o SCHEDULED ACTIVITIES		
	o PROGRESS AGAINST BUDGET		
	o ISSUES		

# TPA MILESTONE STATUS

Transition 200E to Cntrl, Cln, & Stable

MILESTONE	TITLE	DUE DATE	FORECAST
M-43-01C	BEGIN OPERATION W-030 (AY/AZ TANK FARM VENT UPGRADES)	12/31/96	
	o DELIVERABLE		
	o ACCOMPLISHMENTS		
	o SCHEDULED ACTIVITIES		
	o PROGRESS AGAINST BUDGET		
	o ISSUES		

# TPA MILESTONE STATUS

## SST Retrieval

MILESTONE	TITLE	DUE DATE	FORECAST
M-45-02A	SUBMIT INITIAL SINGLE SHELL TANK RETRIEVAL SEQUENCE DOCUMENT FOR ECOLOGY APPROVAL	09/30/96	
	o DELIVERABLE		
	o ACCOMPLISHMENTS		
	o SCHEDULED ACTIVITIES		
	o PROGRESS AGAINST BUDGET		
	o ISSUES		

# TPA MILESTONE STATUS

## SST Retrieval

MILESTONE	TITLE	DUE DATE	FORECAST
M-45-09A	SUBMIT ANNUAL PROGRESS REPORTS ON DEVELOPMENT OF WASTE TANK LEAK MONITORING/DETECTION AND MITIGATION ACTIVITIES IN SUPPORT OF M-45-08	09/30/96	
	o DELIVERABLE		
	o ACCOMPLISHMENTS		
	o SCHEDULED ACTIVITIES		
	o PROGRESS AGAINST BUDGET		
	o ISSUES		



# ***TWRS PRIVATIZATION INITIATIVE***

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## **MODIFICATIONS TO TRI-PARTY AGREEMENT MILESTONES M-50, M-51, AND M-60 SERIES**

*TWRS Privatization*

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## ***GENERAL CHANGES***

- **Waive Paragraph 145f Through Award of Phase 1B  
(Not Including Appeal Period)**
- **DOE to Have Sole and Exclusive Rights to Determine If Primary  
Path Should be Abandoned**
- **DOE Alternative Path Selected**
- **Complete Feasibility Study of Potential Alternative Path  
Contracting Mechanisms**
- **Addition of Phase II Negotiations Initiation Date**



# ***TRI-PARTY AGREEMENT M-60-00 MILESTONE SERIES LOW ACTIVITY WASTE PRETREATMENT AND IMMOBILIZATION***

## **Class I Change Request**

- **Vitrification    Immobilization**

## **Procurement Milestones**

- **Draft RFP - 1/1996**
- **Final RFP - 6/1996**
- **Phase I Contract Award to Two or More Offerors- 1/1997**
- **Provide Notice to Proceed to Two-best Offerors - 7/1998**

## **Phase 1B, Primary Path**

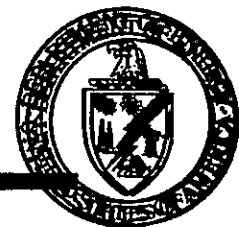
- **Initiate Construction - TBD**
- **Initiate Hot Operations - 12/2002**
- **Complete M-60-00 - 12/2024**
- **Initiate Phase II Negotiations - 12/2003**

# ***TRI-PARTY AGREEMENT M-60-00 MILESTONE SERIES LOW ACTIVITY WASTE PRETREATMENT AND IMMOBILIZATION (CON'T)***

## **Phase 1B, Alternative Path**

- **Decision to Abandon Primary Path to Alternate Path Exclusively DOE's**
- **Contracting Mechanism Approach Exclusively DOE's**
- **Initiate Construction - TBD**
- **Initiate Hot Operations - 12/2003**
- **Complete M-60-00A - 12/2028**
- **Initiate Phase II Negotiations - 12/2004**

*TWRS Privatization*



# ***TRI-PARTY AGREEMENT M-50-00 MILESTONE SERIES COMPLETE PRETREATMENT PROCESSING OF HANFORD TANK WASTE***

## **Deletion of the Low Level Waste Pretreatment Tri-Party Agreement M-50-00 Milestones**

- **M-50-01, Start Construction (11/1998)**
- **M-50-01-T02, Submit CDR and Initiate Definitive Design (12/1996)**
- **M-50-02, Start Hot Operations (12/2004)**
- **M-50-02-T01, Complete Construction (12/2003)**

*TWRS Privatization*

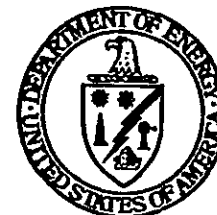


# ***TRI-PARTY AGREEMENT M-50-00 MILESTONE SERIES COMPLETE PRETREATMENT PROCESSING OF HANFORD TANK WASTE (CON'T)***

**Leave Remaining High Level Waste Pretreatment Tri-Party Agreement M-50-00 Milestone Series**

- **M-50-03, Complete Evaluation of Enhanced Sludge Washing (3/1998)**
- **M-50-04, Start Hot Operations (6/2008)**
- **M-50-04-T01, Submit Conceptual Design Report (3/1998)**
- **M-50-04-T02, Start Definitive Design (11/1998)**
- **M-50-04-T03, Start Construction (6/2001)**

***TWRS Privatization***



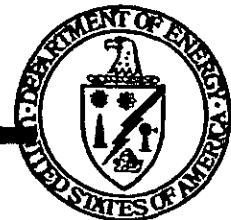
# ***TRI-PARTY AGREEMENT M-51-00 MILESTONE SERIES COMPLETE HIGH LEVEL WASTE VITRIFICATION OF HANFORD TANK WASTE (CON'T)***

**All Tri-Party Agreement Milestones Remain Unchanged**

**Most Critical Milestones, M-51-02 and M-51-03**

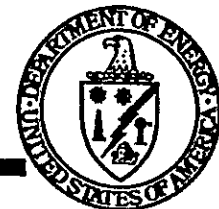
- **Complete Melter Tests and Select Reference Melter (9/1998)**
- **Initiate Hot Operations of HLW Vitrification Facility (12/2009)**

*TWRS Privatization*



## ***Ongoing and Follow-On Activities***

- **DOE Concurrence of Tri-Party Agreement Milestone Series M-50 and M-60 Change Packages**
- **45-Day Public Comment Period (January 2 - February 15)**
- **Two Scheduled Public Meetings:**  
    **January 30 - Portland, Oregon**  
    **February 1 - Richland, Washington**
- **Response to Public Comments (February 15 - February 29)**
- **DOE and Ecology Sign Tri-Party Agreement Milestone Series M-50 and M-60 Change Packages**





# TPA MILESTONE STATUS REPORT

PROGRAM/PROJECT MANAGER: Clark

MILESTONE	TITLE	DUE DATE	FORECAST
M-41-09	START INTERIM STABILITY OF 7 NON-WATCH LIST TANKS IN 241-S TANK FARM	01/31/96	

STATUS: On schedule

DETAIL:

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Supplemental Data:

1. Milestone deliverables (where the milestone title does not adequately describe the deliverables)
  
2. Accomplishments over past 3 months (covering supporting milestones as appropriate)
  - Change request for changing milestone date issued - 01/17/96
  - Creation of Danger Letter issued - 12/12/95
  
3. Activities scheduled over the next 6 months (covering supporting milestones as appropriate)
  - Provide a schedule for milestone accomplishment - 02/15/96
  - Start two non-flammable gas tanks S-110, S-108 - 02/15/96
  
4. Progress to date against assigned milestone budget or overall project budget
  - Under budget due to work being shutdown on five of the seven S-Farm tanks required by milestone
  - However, overruns expected due to requirements of hydrogen gas
  
5. Past, present, or potential issues that have/could impact milestones and actions to eliminate/mitigate impact
  - Hydrogen gas issues have delayed milestone
  - Safety Analysis for A-101, worst case, being prepared by LANL, issued to RL - 01/31/96
  - Supplemental Analysis for S-Farm being initiated - 03/01/96
  - Preparing a strategy to renegotiate the M-41 milestones which would accelerate M-41-00

# TPA MILESTONE STATUS REPORT

PROGRAM/PROJECT MANAGER: Groendyke (Actg)

MILESTONE	TITLE	DUE DATE	FORECAST
M-40-09	CLOSE ALL UNREVIEWED SAFETY QUESTIONS (USQ) FOR DOUBLE SHELL TANKS AND SINGLE SHELL TANKS	09/30/98	
STATUS:	On Hold		
DETAIL:	25 New Flammable Gas USQ Tanks Recently Identified		

## Supplemental Data:

1. Milestone deliverables (where the milestone title does not adequately describe the deliverables)

Close Ferrocyanide, 241-C-103 Organic Layer, Criticality, 241-SY Farm Flammable Gas, 241-AW-101 Flammable Gas, 241-AN Farm Flammable Gas, and 18 Single-Shell Flammable Gas USQs.

2. Accomplishments over past 3 months (covering supporting milestones as appropriate)

Submitted to DOE-HQ for closure 241-SY-101 Flammable Gas USQ

3. Activities scheduled over the next 6 months (covering supporting milestones as appropriate)

- 1) Submit to DOE-HQ for closure 241-SY-103 Flammable Gas USQ
- 2) Submit to DOE-HQ for closure 241-SY Farm Flammable Gas USQ
- 3) Define the USQ closure procedure DOE-HQ, RL, WHC, and Sub-TAP.

4. Progress to date against assigned milestone budget or overall project budget

- 1) For defined work we have enough budget.
- 2) For new work, i.e., additional flammable gas tanks, scope is not yet determined

5. Past, present, or potential issues that have/could impact milestones and actions to eliminate/mitigate impact

- 1) 25 new flammable gas USQ tanks were identified in December 1995.
- 2) Potential for additional flammable gas tanks to be identified when screening of all 177 tanks completes in March 1996.

# TPA MILESTONE STATUS REPORT

PROGRAM/PROJECT MANAGER: Hon

MILESTONE	TITLE	DUE DATE	FORECAST
M-46-01C	TRI-PARTIES SHALL MEET TO ESTABLISH NEW MILESTONES FOR ACQUISITION OF ADDITIONAL TANKS (IF REQUIRED)	11/30/96	

STATUS: Program Planning

DETAIL:

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Supplemental Data:

1. Milestone deliverables (where the milestone title does not adequately describe the deliverables)

Annual MWTF Phase-out basis document.

2. Accomplishments over past 3 months (covering supporting milestones as appropriate)

Formal agreement to cancel MWTF  
Evaluate utilizing evaporators tanks for storage spares

3. Activities scheduled over the next 6 months (covering supporting milestones as appropriate)

- Complete NCAW consolidation study - 02/01/96
- Contingency Tank Space Usage - 02/15/96
- Risk Management Model Validation Study - 03/01/96
- Complete NCRW consolidation study - 04/19/96
- Evaporation Specific Gravity Limit - 04/01/96
- Tank Life Extension - 07/01/96 ← report to be issued

4. Progress to date against assigned milestone budget or overall project budget

5. Past, present, or potential issues that have/could impact milestones and actions to eliminate/mitigate impact

Flammable gas watch list impact on DST space availability

# TPA MILESTONE STATUS REPORT

PROGRAM/PROJECT MANAGER: Royack

MILESTONE	TITLE	DUE DATE	FORECAST
M-43-04A	PROVIDE W-314A (TANK FARM INSTR UPGRADES) CONCEPTUAL DESIGN REPORT TO ECOLOGY & DEPT OF HEALTH	05/31/95	05/31/96
STATUS:	Conceptual design proceeding. Ltr to WDOE documents revised MS dates.		
DETAIL:	Conceptual design is proceeding. Letter 95-TOP-223 dated 12/1/95 to WDOE documents proposed milestone dates.		

## Supplemental Data:

- Milestone deliverables (where the milestone title does not adequately describe the deliverables)
- Accomplishments over past 3 months (covering supporting milestones as appropriate)
  - Initiated and worked on development of CDR; currently on schedule
- Activities scheduled over the next 6 months (covering supporting milestones as appropriate)
  - Conduct CDR checking and review, issue final CDR by March 20, 1996.
- Progress to date against assigned milestone budget or overall project budget
  - Through cost report cumulative to 30NOV95, progress was 60% of budget.
- Past, present, or potential issues that have/could impact milestones and actions to eliminate/mitigate impact
  - Issue: Lack of well-defined future missing for the retrieval and disposal of tank waste impact the definition of CDR scope.
  - Action: Limited CDR scope to support current mission and only well-defined future mission.

## TPA MILESTONE STATUS REPORT

PROGRAM/PROJECT MANAGER: Royack

MILESTONE	TITLE	DUE DATE	FORECAST
M-43-05A	PROVIDE W-314C (TANK FARM PIPING UPGRADES) CONCEPTUAL DESIGN REPORT TO ECOLOGY AND DEPT OF HEALTH	05/31/96	

STATUS: On schedule


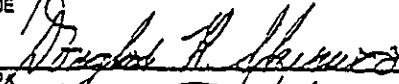
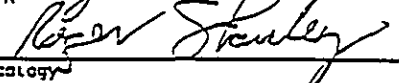

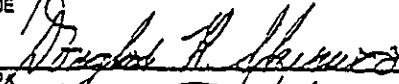
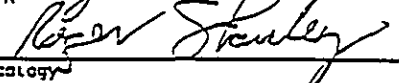

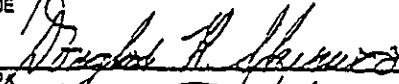
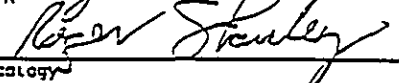
DETAIL:

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Supplemental Data:

1. Milestone deliverables (where the milestone title does not adequately describe the deliverables)
2. Accomplishments over past 3 months (covering supporting milestones as appropriate)  
Initiated Conceptual Design Report (CDR); currently on schedule.
3. Activities scheduled over the next 6 months (covering supporting milestones as appropriate)  
Conduct CDR checking and reviews, issue final CDR by March 20, 1996.
4. Progress to date against assigned milestone budget or overall project budget  
Progress against budget for CDR was 60% through 30NOV95 cost report.
5. Past, present, or potential issues that have/could impact milestones and actions to eliminate/mitigate impact  
Lack of well defined future disposal and retrieval missions that project W-314 would support. Project scope will concentrate on supporting only current mission and known future mission.

(ATTACHMENT 1 F)

Change Number M-45-95-01	Federal Facility Agreement and Consent Order Change Control Form <small>Do not use blue ink. Type or print using black ink.</small>	Date May 11, 1995															
Originator W. R. Wrzesinski/M. W. Stevenson		Phone 376-6751/376-9668															
Class of Change <input type="checkbox"/> I - Signatories <input checked="" type="checkbox"/> II - Project Manager <input type="checkbox"/> III - Unit Manager																	
Change Title New Interim Milestones M-45-08, M-45-09 and Completion of M-45-07B																	
Description/Justification of Change  A new interim milestone series (M-45-08) is established for single-shell tank leak mitigation during retrieval sluicing operations. The M-45-08 interim milestone is the follow-up activity to the M-45-07B interim milestone through which the parties have agreed that the application of large scale subsurface barriers is not warranted due to poor cost/benefit. Consequently this modification results in the completion and closure of open interim milestones in the M-45-07 series.  The TWRS baseline system technology for retrieving waste from Hanford Single Shell tanks includes sluicing as a retrieval technology. The SSTs have exceeded their original design life and their containment integrity is unknown.  (continued)																	
Impact of Change  Addition of new M-45-08 and M-45-09 interim milestones, and closing of the M-45-07 interim milestone series. Remaining M-45 milestones are not affected by this change.																	
Affected Documents  Hanford Federal Facility Agreement and Consent Order Action Plan, Appendix D.																	
Approvals <table> <tr> <td>DOE</td> <td></td> <td>5-15-95</td> <td><input checked="" type="checkbox"/> Approved</td> <td><input type="checkbox"/> Disapproved</td> </tr> <tr> <td>EPK</td> <td></td> <td>5/16/95</td> <td><input checked="" type="checkbox"/> Approved</td> <td><input type="checkbox"/> Disapproved</td> </tr> <tr> <td>Ecology</td> <td></td> <td>5-16-95</td> <td><input checked="" type="checkbox"/> Approved</td> <td><input type="checkbox"/> Disapproved</td> </tr> </table>		DOE		5-15-95	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved	EPK		5/16/95	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved	Ecology		5-16-95	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved	Page 1 of 3
DOE		5-15-95	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved													
EPK		5/16/95	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved													
Ecology		5-16-95	<input checked="" type="checkbox"/> Approved	<input type="checkbox"/> Disapproved													

## Description/Justification of Change (continued)

Of the 149 SSTs, 67 have been declared assumed leakers, while 107 have been interim stabilized to minimize future leakage. Sluicing SSTs will therefore incur risk of significant waste leakage to the environment. The M-45-08 interim milestone series provides for mitigating the risk of SST leakage during sluicing operations and identification of actions necessary to comply with hazardous waste laws.

The following are the new interim milestones and target dates:

M-45-08: Establish full scale capability for mitigation of waste tank leakage during retrieval sluicing operations. June, 2003.

M-45-08-T01: Provide preliminary assessment report for projected SST leakage. Such assessment to project expected environmental contamination and groundwater health risk using existing waste data. October, 1995.

M-45-08-T02: Establish the criteria through stakeholder participation and Ecology approval for: (1) determining allowable leakage volumes, and (2) acceptable leak monitoring/detection and mitigation measures necessary to permit sluicing operations.

Consistent with authorities granted by EPA to the state under its delegated hazardous waste management program, Ecology will have final authority in determining acceptable criteria for this target activity. April, 1997.

M-45-08A: Complete system design and operating strategy for tank leak monitoring and mitigation for systems to be used in conjunction with initial retrieval systems for SSTs. December, 2000.

M-45-08B: Complete demonstration and installation of leak monitoring and mitigation systems for initial SST retrieval. June, 2003.

M-45-09: Submit annual progress reports on the development of waste tank leak monitoring/detection and mitigation activities in support of M-45-08 (commencing September 1996).

Reports will provide a description of work accomplished under M-45-08, technologies, applications, cost, schedule, and technical data. Reports will also evaluate demonstrations performed by DOE and private industry for applicability to SST retrieval and provide recommendations for further testing for use in retrieval operations. September, 1996 (annually thereafter to 2003).

## Description/Justification of Change (continued)

The new target date to establish leak mitigation performance criteria is commensurate with interim milestone M-45-04A, Complete Conceptual Design for the Initial SST Retrieval Systems (April 1997). The new interim milestone for completing the design of leak mitigation systems is commensurate with target milestone M-45-04-T02, Complete Design for the Initial SST Retrieval Systems (December 2000). The new interim milestone to demonstrate and install leak monitoring systems is commensurate with the target milestone M-45-04-T03, Complete Construction for the Initial SST Retrieval Systems (June 2003).

Milestone M-45-07, Complete Evaluation and Demonstration Testing of Small Scale Sub-surface Barriers (September 1997), provides opportunity to evaluate and demonstrate subsurface barriers as a measure to minimize environmental impact of SST leakage during retrieval sluicing. Milestone M-45-07B requires a decision by Ecology, EPA and DOE whether to proceed with a sub-surface barrier demonstration. This decision is supported by WHC-SD-WM-ES-300, Rev 1, Feasibility Study of Tank Leakage Mitigation Using Sub-surface Barriers, prepared in accordance with Milestone M-45-07A. Ecology, EPA and DOE have agreed that the study shows current applications of sub-surface barriers, based on the assumptions used in the study, would provide minimal reduction in environmental damage and human health risk, while increasing cost significantly, and decreasing worker safety.

However, Ecology, EPA and DOE recognize that provisions for leak mitigation to minimize environmental impact is appropriate for evaluation and demonstration. Continued investigation of technologies to mitigate tank leaks is pursued under the new Milestones M-45-08 and M-45-09, Establish Monitoring, Assessment and Mitigation Actions in Response to Tank Leakage during Retrieval Sluicing Operations (June 2003).

Ecology, EPA and DOE therefore agree that Milestone M-45-07B is complete and that the decision is to not proceed with sub-surface barrier demonstration testing. In accordance with the M-45-07B milestone, this decision results in the closure of the M-45-07 milestone and associated open interim milestones and target dates in the M-45-07 series.

In deleting the remaining M-45-07 milestone series the three parties recognize that demonstrations may be performed at Hanford or at other sites. Demonstrations performed at Hanford ensures that technologies will perform under Hanford-specific conditions. The three parties agree that the technology demonstrations assessed under M-45-09 and intended for support of M-45-08, that occur at sites other than Hanford, will be considered for use at Hanford.

The three parties agree that the decision not to proceed with a sub-surface barrier demonstration at Hanford will not be used as grounds for dismissing potential technologies, and that the assessment reports under M-45-09 will include a discussion of how the test demonstration conditions vary or coincide with Hanford site conditions, and what affect any variance has on the applicability of test results to mitigation of leaks during retrieval of SST wastes.



## TPA MILESTONE STATUS REPORT

PROGRAM/PROJECT MANAGER: Wrzesinski

MILESTONE	TITLE	DUE DATE	FORECAST
M-45-02A	SUBMIT INITIAL SINGLE SHELL TANK RETRIEVAL SEQUENCE DOCUMENT FOR ECOLOGY APPROVAL	09/30/96	

STATUS: On Schedule

DETAIL:

## Supplemental Data:

1. Milestone deliverables (where the milestone title does not adequately describe the deliverables)

This provides for an annual update of an SST retrieval sequence document that will defines the tank selection criteria and rationale, reference retrieval method(s) for each tank, and the estimated retrieval schedules. The annual updates will be submitted to Ecology for approval.

2. Accomplishments over past 3 months (covering supporting milestones as appropriate)

Preliminary retrieval sequence and blending strategy.

3. Activities scheduled over the next 6 months (covering supporting milestones as appropriate)

Update of retrieval sequence document to RL February 1996.

4. Progress to date against assigned milestone budget or overall project budget

\$43K budget for FY96 with \$15K spent to date.

5. Past, present, or potential issues that have/could impact milestones and actions to eliminate/mitigate impact

Integration of all requirements into one sequence.

## TPA MILESTONE STATUS REPORT

PROGRAM/PROJECT MANAGER: Wrzesinski

MILESTONE	TITLE	DUE DATE	FORECAST
M-45-09A	SUBMIT ANNUAL PROGRESS REPORTS ON DEVELOPMENT OF WASTE TANK LEAK MONITORING/DETECTION AND MITIGATION ACTIVITIES IN SUPPORT OF M-45-08	09/30/96	

STATUS: On schedule

DETAIL:

## Supplemental Data:

1. Milestone deliverables (where the milestone title does not adequately describe the deliverables)

Reports will provide a description of work accomplished under M-45-08, technologies, applications, cost, schedule, and technical data. Reports will also evaluate demonstrations performed by DOE and private industry for applicability to SST retrieval and provide recommendations for further testing for use in retrieval operations.

2. Accomplishments over past 3 months (covering supporting milestones as appropriate)

Completed Preliminary Assessment Report for Projected SST Leakage (M-45-08-T01, October 1995). Refer to WHC-SD-WM-FRD-021.

3. Activities scheduled over the next 6 months (covering supporting milestones as appropriate)

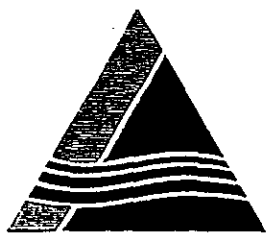
Leak detection monitoring and mitigation trade study (3/15/96)

4. Progress to date against assigned milestone budget or overall project budget

\$350K budget in FY96 for all LDMM with \$23K spent to date.

5. Past, present, or potential issues that have/could impact milestones and actions to eliminate/mitigate impact

Stakeholder involvement (FY97) M-45-08/09



Tri-Party Agreement

MEMO OF AGREEMENTHANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER (TRI-PARTY AGREEMENT)  
MILESTONE M-44-08 DISPUTE RESOLUTION EXTENSION OF PROJECT MANAGER REVIEW PERIOD

- References: (1) RL Letter to M. Wilson from J. E. Kinzer "Ecology Rejection of M-44-08 Tank Characterization Reports", dated November 7, 1995
- (2) Ecology Letter to P.F.X. Dunigan from A. Stone "Review of Tank Characterization Reports and Failure to meet M-44-08", dated October 31, 1995

This letter follows several discussions with both U.S. Department of Energy, Richland Operations Office (RL) and the Washington State Department of Ecology (Ecology) on the dispute resolution of Tri-Party Agreement Milestone M-44-08. Although progress has been made, the issues related to Milestone M-44-08 remain unresolved and will require additional discussion between RL and Ecology.

Therefore, in accordance with Article VIII, Paragraph 30.E, RL is requesting the period of time allowed for the Project Managers to resolve the dispute to be extended an additional 14 days (February 6, 1996). In the event that the dispute is still unresolved by this date, additional steps may be taken to elevate the dispute to the Inter Agency Management Integration Team (IAMIT) who are scheduled to meet on February 27, 1996.

Concurrence:

Christopher P. Bader, Deputy  
Assistant Manager  
U.S. Department of Energy  
Richland Operations Office

1/4/96  
Date

Toby M. Michelena, Program Manager  
Nuclear Waste Program  
State of Washington  
Department of Ecology

1-23-96  
Date